

**Amendment**

**Amendment To The Specification**

Please enter the following amendments to the specification:

Page 8, line 8: insert the table of Sequence ID Numbers submitted as Exhibit 1 (and reproduced below) into the Specification at Page 8, line 8 , before “Detailed Description”

**P011729US – US Application US 10/743,391**

**Sequence ID Numbers**

SEQ ID NO	Sequence	Page/Figure	Description of Sequence
1	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the $\beta$ 4- $\alpha$ 2 exposed loop). May be mutated at any site.
2	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the $\beta$ 4- $\alpha$ 2 exposed loop). May be mutated at sites 51, 56 or 57.
3	EVPGSQHI	9	Residues 51-58 of the <i>Escherichia coli</i> EtxB and <i>Vibrio cholerae</i> CtxB proteins (the $\beta$ 4- $\alpha$ 2 exposed loop). May be mutated at site 57.
4	SIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
5	CSINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
6	CEKLAGFGSIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
7	CAVGAGATAEESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
8	CEKLAGFGAVGAGATAESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
9	CEKLAGFGAVGAGATAESIINFEKL	45	Synthetic peptide used to construct EtxB conjugates.
10	CEKLAGFGAVGAGATAESIINFEKL TEWTS	45	Synthetic peptide used to construct EtxB conjugates.
11	AGFGAVGAGATAEE	49	Loop segment of the Pol-peptide of HSV-1
12	TPQNITDLCA EYHNTQIHTL NDKIFS YTES LAGKREMAII TFKNGATFQV EVPGSQHIDS QKKAIERMKD TLRIAYL TEA KVEKLCVWNN KTPHAAIAIS MAN	Figure 1	CtxB - <i>Vibrio cholerae</i> cholera toxin B subunit protein sequence

SEQ ID NO	Sequence	Page/Figure	Description of Sequence
13	TPQNTDLCA EYHNTQIH TL NDKIFS YTES LAGKREMAII TFKNGATFQU EVPGSQHIDS QKKAIERMKD TLRIAYL TEA KVEKLCVWNN KTPHAI AAIS MAN	Figure 1	Mutant CtxB (H57A)
14	APQTITELCS EYRNTQIYTI XDKILS YTES MADKREMVII TFKSGETFQU EVPGSQHIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Figure 2	Mutant CtxB (G33D)
15	APQTITELCS EYRNTQIYTI XDKILS YTES MADKREMVII TFKSGETFQU EVPGSQHIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Figure 6	ExtB – <i>Escherichia coli</i> heat-labile enterotoxin B subunit protein sequence
16	APQTITELCS EYRNTQIYTI XDKILS YTES MADKREMVII TFKSGETFQU EVPGSQHIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPISIAAIS MEN	Figure 11	Mutant EtxB (H57A)

Page 8, line 14, after “the cholera toxin” , insert: (SEQ ID NO: 12)

Page 8, line 20, after “of Etx” , insert: (SEQ ID NO: 15)

Page 9, line 13, after “or EtxB”, insert: (SEQ ID NO: 1)

Page 9, line 16, after “or EtxB”, insert: (SEQ ID NO: 2)

Page 9, line 17, after “amino acid,” insert: (SEQ ID NO: 3)

Page 9, line 20, after “a H57A” , insert: (SEQ ID NO: 13)

Page 29, line 12, after “CtxB(H57A),” insert: (SEQ ID NO: 13)

Page 29, line 13, after “EtxB(G33D),” insert: (SEQ ID NO: 14)

Page 32, line 27, after “EtxB(H57A)”, insert (SEQ ID NO: 16)

Page 45, lines 16-19, please replace Table 1 with the following substitute Table 1:

TABLE 1

Peptide	Sequence	M <sub>w</sub>	SEQ ID NO:
8mer	SIINFEKL	945	4
9mer	CSIINFEKL	1048	5
16mer	CEKLAGFGSIINFEKL	1751	6
19mer	CAVGAGATAEESIINFEKL	1905	7
26mer	CEKLAGFGAVGAGATAESIINFEKL	2608	8
26mer*	CEKLAGFGARGAGATAESIINFEKL	2665	9
31mer	CEKLAGFGARGAGATAESIINFEKL	3212	10

Page 49, line 11, after “(AGFGAVGAGATAEE)” , insert: **(SEQ ID NO: 11)**